

1.  
To pass this practice quiz, you must receive 100%, or 3 out of 3 points, by completing the activity below. You can learn more about the graded and practice items in the [Course Overview](#)<sup>↗</sup>.  
Activity Overview

In this activity, you will add estimates to user stories to the Virtual Verde Product Backlog to capture how much effort each user story will take to complete. These estimations help the Product Owner assess the workload captured in the Backlog, which helps them prioritize tasks.

*Note: Throughout this course, you will complete tasks normally done by others (like the Development Team or Product Owner). Even if you don't perform them yourself, it is important that you understand these processes.*

Be sure to complete this activity before moving on. The next course item will provide you with a completed exemplar to compare to your own work. You will not be able to access the exemplar until you have completed this activity.

### Scenario

Review the scenario below. Then complete the step-by-step-instructions.

Along with the Product Owner and the team, you've created user stories and acceptance criteria for the Virtual Verde Product Backlog. Now you need to add effort estimations to each user story, which will help the team understand the amount of effort each task will take to complete. Once you have your estimations, the Product Owner can make any necessary adjustments to item priority in the Product Backlog. This information will help your team plan the upcoming Sprint.

The Product Owner has already added a value for each user story in the Product Backlog. In this exercise, value represents how valuable the final deliverable is to the user role or customer. These value points are designated by dollar signs (so, \$ = 1 value point, \$\$ = 2 value points, etc.).

You will work with the Development Team to determine relative effort estimations for each Backlog item. Relative effort estimation isn't just how much effort an item should take to complete. Instead, the Development Team evaluates the amount of effort each item takes *compared to other items* in the Product Backlog.

You can use a number of different methods to estimate effort. Your team has opted to use [Story Points](#)<sup>↗</sup>, which are based on the Fibonacci sequence of numbers (1, 2, 3, 5, 8, 13, 21, etc.). For example, an item with an effort estimation of "1" should take little effort to complete, while an item estimated at "13" or "21" will take much more effort. There is no prescribed formula for determining Story Points. Rather, teams should work together to compare task estimations to one another.

*Note: In a real project, your team would determine these estimations together, since it is crucial that the people who complete the work provide the estimates.*

### Step-by-Step Instructions

#### Step 1: Access the template


To use the template for this course item, click the link below and select "Use Template."



Link to template: [Add estimation](#)<sup>↗</sup>

OR

If you don't have a Google account, you can download the template directly from the attachment below.

 [Activity Template\\_Add estimation  
XLSX File](#)

#### Step 2: Review the Product Backlog values and the Bonsai Trees estimates for the Bonsai Trees epic

In the previous activity, you entered new plant care user stories into a Product Backlog that already contained a second epic ("Bonsai Trees"). Before you add estimates to your user stories, review the estimates for the Bonsai epic. You can use these numbers as a baseline to determine the relative estimations for the plant care epic.

#### Step 3: Add the effort estimates to the Plant Care Initiatives epic

Consider how much effort the acceptance criteria for the "Plant Care Initiatives" compared to those in the "Bonsai Trees" epic. (If you're not sure, try discussing the tasks with a friend. That's what you'd do on a real Scrum Team!) Then select a Story Point value from the dropdown that makes sense relative to the "Bonsai Trees" estimations. Remember that "21" takes far more effort than "1."

For example, the user story *"As a Bonsai tree owner, I want to have the right tools to care for my tree so I can shape and style it properly,"* has an effort estimation of 13. Think about whether the "Plant Care Initiatives" user stories require more, less, or about the same amount of effort to make your estimations.

What to Include in Your Response

Be sure to address the following criteria in your completed adding estimation template:

Each story has an effort estimation in Story Points (1, 3, 5, 8, 13, 21).